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received recently by a number of American meteorologists. The following one came to the editor of the *Monthly Weather Review* on October 6:

ZENTRALANSTALT
FÜR
METEOROLOGIE UND GEODYNAMIK.
Wien XIX Hohe Warte 38.

20 September, 1920.

In view of our calamities in Austria, I beg you to help my colleagues, the members of the staff of the Zentralanstalt für Meteorologie in Vienna, in their great need of food. The American Relief Administration Warehouse has published the following circular.

For several weeks the American Relief Administration Warehouses in Austria have been delivering food parcels to holders of food drafts. You can buy at any bank in the United States American Relief Warehouse Drafts and send them to us in Vienna. On presentation of these food drafts at the warehouse in Vienna, we can also draw American food. We are in great need of food in Austria. Individual food parcels sent from America usually do not reach us. Money does us no good when there is no food to buy. Help us in our distress by sending an American Relief Warehouse Food Draft—quickly! For further information apply to American Relief Administration, 115 [present address, 42] Broadway, New York City, or to your own or the nearest bank.

Allow me to draw your attention to it. We are, the families included, 67 persons. We all would thank you very heartily for your kindness.

I am, dear Sir yours very respectfully,
DR. MORIZ TOPOLOANSKY, *Secretary*

Contributions whether to a general fund or for any specific class or individual may be sent direct to the American Relief Administration 42 Broadway, New York City. If any further information as to the general situation among the intellectual classes in central and eastern Europe is desired, it may be had from Dr. Vernon Kellogg, National Research Council, Washington, D. C.

A fund for the purchase of food drafts for Austrian meteorologists in the name of the American Meteorological Society has been started by some members of the society. Contributions toward this fund may be sent to

Charles F. Brooks, Secretary, Weather Bureau, Washington, D. C.

THE GILMAN MEMORIAL LECTURES ON GEOGRAPHY

THE Johns Hopkins University announces the inauguration of a course of lectures to be known as The Gilman Memorial Lectures on Geography. These lectures are made possible through the generosity of the family of Daniel Coit Gilman, first president of the Johns Hopkins University. Dr. Gilman began his teaching career at Yale (1863-72) as professor of physical and political geography and was a member of the U. S. Commission on the boundary line between Venezuela and British Guiana in 1896-97.

The first series of lectures will begin October 18, and will continue weekly, throughout the academic year. They will be given by Major Lawrence Martin, of the General Staff Corps, who as the chief of the Geographic Section, Military Intelligence Division, U. S. Army, attached to the American Commission to Negotiate Peace, had unusual opportunities for studying at first hand the geographical factors affecting trade in the reorganized states of Europe, Asia Minor and the Caucasus.

SCIENTIFIC NOTES AND NEWS

At the sixth International Congress of Mathematicians, held at Strasbourg at the end of September, addresses were given by Sir Joseph Larmor, Professor L. E. Dickson, M. de la Vallée-Poussin, M. Volterra and M. Nörlund.

THE Botanical Society of Washington has elected the following officers for the ensuing year: *President*, Charles E. Chambliss; *Vice-president*, P. L. Ricker; *Recording Secretary*, Roy G. Pierce; *Corresponding Secretary*, R. Kent Beattie; *Treasurer*, L. L. Harter.

THE Italian government has conferred upon Dr. Leonard Hill, F.R.S., the Italian silver medal "Ai Benemeriti della Salute Publica."

THE Council for Scientific and Industrial Research of Canada has awarded \$5,000 to as-

sist Professor J. C. McLennan, of Toronto University, in investigations on helium to determine the uses for lamps, amplifying values, high resistances, etc.

THE Paris Academy of Sciences has awarded the L. Lacaze prize (10,000 francs) to Dr. Maurice Arthus, professor of physiology at Lausanne.

DR. CHARLES F. CHANDLER, formerly professor of chemistry and dean of the school of mines at Columbia University, received the honorary degree of doctor of science from Union College last June. In conferring the degree, Dr. Charles A. Richmond, chancellor of the university, referred to Professor Chandler in the following language: "Author of many chemical papers; member of many scientific and learned societies both here and abroad. The recipient of distinguished academic honors from universities in America and England. Esteemed by your profession, beloved by generations of grateful students to whom you have imparted both knowledge and wisdom. We delight also to do you honor."

DR. ROBERT M. YERKES, chairman of the Research Information Service of the National Research Council, and Dr. Leonard C. Gunnell, of the Smithsonian Institution, in charge of the Regional Bureau for the United States of the International Catalogue of Scientific Literature, have gone to London to represent these organizations at a conference upon the future of the International Catalogue of Scientific Literature which was held on September 28. Dr. L. E. Dickson, professor of mathematics in the University of Chicago, and Dr. Luther P. Eisenhart, professor of mathematics in Princeton University, who have been in attendance at the organization meeting of the International Mathematical Union at Strasbourg and Dr. S. I. Franz, who has been in Europe this summer, will also attend the conference in London. Dr. Dickson representing the National Academy of Sciences and Dr. Eisenhart and Dr. Franz as additional representatives from the National Research Council.

DR. JOHN J. R. MACLEOD, Toronto, professor of physiology in the University of Toronto, and vice dean of the medical faculty, is chairman of the Committee on Industrial Hygiene in Canada. With him are associated Professor Archibald B. Macallum, members of departments of physiology and psychology in various universities in Canada, and one representative each of the department of labor, Ottawa, of industry, and women's organizations. A secretary of the committee is established in the medical department of the University of Toronto.

PROFESSOR JOHN BRETLAND FARMER, F.R.S., of the Imperial College of Science and Technology, has been appointed a member of the advisory council to the Committee of the British Privy Council for Scientific and Industrial Research.

PROFESSOR VLADIMIR KARAPETOFF, of Cornell University, has been nominated for state engineer and surveyor on the socialist ticket.

MR. B. L. JOHNSON, geologist, has been appointed acting chief of the Foreign Section of the Mineral Resources Branch of the U. S. Geological Survey, in the absence of Mr. Eugene Stebinger.

DR. WILLIAM L. TOWER, captain, U. S. A., formerly associate professor of zoology in the University of Chicago, after his return from the army of occupation in Germany and discharge in the summer of 1920, sailed on September 25 for Tampico, Mexico, to assume the directorship of the pathological, bacteriological and x-ray laboratories of the American Hospital, Tampico.

THE resignation of Professor Ernest Blaker, of the department of physics, Cornell University, has been accepted. Professor Blaker has been on leave of absence since the closing of the Aviation School two years ago, when he went to Akron, Ohio, to accept a position with the Goodrich Tire and Rubber Company.

WILLIAM A. BEVAN, formerly assistant professor of physics at the Oregon State Agricultural College, who has been a first lieutenant in the air service since February, 1918, has been appointed a captain in the air service

of the regular army. He is now chief inspector of airplanes and motors in the Aviation Repair and Supply Depot at Rockwell Field, Coronado, California.

DR. HENRI M. AMI, who has been in Washington at the British Embassy for the last four years, is leaving that post to resume his work at Ottawa, Canada, in connection with the Geological Survey of Canada, Department of Mines. During his stay at the capitol Dr. Ami was asked to take charge of war metals and minerals and derivatives, and is now returning to Canada to devote his time to paleontology and chronological geology in which he was formerly engaged.

NEIL M. JUDD, curator of American archeology, U. S. National Museum, returned to Washington on October 1 after having spent the preceding five months in Utah, Arizona and New Mexico, engaged in archeological investigations for the Bureau of American Ethnology and the National Geographic Society.

DR. JACQUES LOEB, of the Rockefeller Institute for Medical Research, delivered the first of the Harvey Society Lectures at the New York Academy of Medicine, on Saturday evening, October 6. His subject was "The proteins and colloidal chemistry."

THE Cutter lectures on Preventive Medicine and Hygiene will be given on October 19 and 20 in the Harvard Medical School from five to six P.M. by Dr. Theobald Smith, director of the department of animal pathology of the Rockefeller Institute for Medical Research, Princeton, N. J., on "Medical research and the conservation of food-producing animals."

At a special meeting of the Cleveland Academy of Medicine, October 8, Dr. Harvey Cushing, Moseley professor of surgery at Harvard University, surgeon in chief of the Peter Bent Brigham Hospital, Boston, delivered an address on "The Special Field of Neurological Surgery."

THE Harveian Oration before the Royal College of Physicians of London will be delivered by Sir Frederick Andrewes, M.D., F.R.S., professor of pathology in the Univer-

sity of London and pathologist to St. Bartholomew's Hospital, on October 18.

THE first Murphy Memorial Oration of the American College of Surgeons was delivered by Sir Berkeley Moynihan on October 11 during a meeting of the College in Montreal. The oration has been founded in honor of the late Dr. J. B. Murphy, of Chicago. On the same occasion Sir Berkeley Moynihan presented to the college a mace, the gift of the surgical consultants of the British Army during the war.

By the will of Mrs. Jones an oil portrait of the late Professor George W. Jones, for years a teacher of mathematics at Cornell University, has been bequeathed to the university.

THE New York Academy of Medicine has received a cash bequest of \$5,000 and a library valued at \$4,567 in accordance with the conditions of the will of the late Abraham Jacobi.

FREDERICK HENRY GERRISH, emeritus professor of surgery in the Medical School of the University of Maine, died on September 9, aged seventy-five years. After serving as lecturer and professor of therapeutics, materia medica and physiology at the University of Michigan, Dr. Gerrish returned to his alma mater in 1875 as professor of materia medica and therapeutics. He became professor of anatomy in 1882.

ADOLPH GEHRMANN, emeritus professor of bacteriology and hygiene in the College of Physicians and Surgeons, Chicago, died on October 3, at the age of fifty-two years.

A CORRESPONDENT writes that Dr. F. Hasenöhel, professor of physics at the University of Vienna, successor to the well-known physicist Boltzmann, was killed in action in the autumn of 1915.

THE United States Civil Service Commission announces that the Coast and Geodetic Survey is in need of junior engineers and deck officers and that an examination will be held on December 8 and 9. The entrance sal-

ary offered is \$2,000 a year, which will be increased to \$2,240 a year after one month of satisfactory service.

THE twenty-fourth Congress of Alienists and Neurologists of French-speaking Countries was held recently at Strasbourg under the presidency of Dr. Dupré, clinical professor of mental diseases at the Paris medical faculty.

WE learn from *Nature* that Mr. J. J. Joicey has acquired for the Hill Museum, Witley, the collection of Lepidoptera formed by Mr. H. J. Elwes, as well as the large collection of Heliconius formed by the late H. Riffarth. The museum has lately also received large collections of Lepidoptera from Central Africa, obtained by Mr. and Mrs. T. A. Barns, who have recently returned from a twelve months' trip undertaken on behalf of Mr. Joicey.

THE U. S. Public Health Service has established at Pensacola a research station for the study of bubonic plague. A number of trained experts in addition to those already on duty in Pensacola will be detailed to that city. Additional research equipment will be provided to facilitate their investigations.

RESEARCH work on the manufacture of oxygen from the engineer's point of view began at the Harvard Engineering School early in the summer under the direction of Dr. Harvey N. Davis, professor of mechanical engineering. The National Research Corporation, founded in 1912 through the efforts of Dr. Frederick G. Cottrell, now director of the U. S. Bureau of Mines, has given Harvard \$5,000 for the work. Professor Davis and his associates have undertaken to determine the fundamental data concerning air and its properties, believing that present methods of making oxygen are wasteful, and that the industrial use of oxygen in blast furnaces may result from the elimination of this waste. In return for its backing, Professor Davis has agreed to turn over to the Research Corporation any patents that may develop from his work.

SECRETARY MEREDITH has announced a reorganization of the publication and information work of the Department of Agriculture, and

the appointment of a director of information to have general supervision of all these activities, both in Washington and in the field. He has named E. B. Reid, formerly chief of the Division of Publications, to the new position. Mr. Reid's relation to the work will be similar to that formerly held by Assistant Secretary Ousley, who had charge of such activities during the war period. Harlan Smith, formerly in charge of the Office of Information, has been appointed chief of the Division of Publications. The work now being performed by the Office of Information hereafter will be known as the Press Service, which will be in charge of Dixon Merritt, and will continue under the immediate direction of the chief of the Division of Publications. The director of information will bring about closer coordination of the information and publication work of the various bureaus with that of the Division of Publications and will be charged with formulating and executing plans for developing and improving the information service of the department as a whole to the public.

Nature reports the forthcoming establishment in the University of Paris of an Institute of Psychology. The institute will be administered by a council composed of Professors Delacroix, Dumas, Janet, Piéron, and Rabaud, and the deans of the faculty of letters and sciences. It will afford instruction, both theoretical and practical, in general, physiological, experimental, pathological and comparative psychology. To it will be attached the recently established Institute of Pedagogy, forming its pedagogical section. Other sections of the institute, dealing with the general applications of psychology and with vocational selection, will be formed shortly. The institute will grant diplomas to successful students in each of these sections and to those who, after attending other courses of instruction, have passed the examinations therein. It will also be open for research work in connection with the university doctorate or higher diplomas. Previously Professor Janet with his colleague, Professor Dumas, worked in psychopathology quite in-

dependently of the late Alfred Binet, who directed the psychological laboratory. Professor Piéron, Binet's successor, is now joining forces with the representatives of French pathological psychology, and the institute thus formed is also to encourage the applications of psychology to education and to industry.

UNIVERSITY AND EDUCATIONAL NEWS

THE will of the late Jacob Schiff includes the following bequests:

To the Montefiore Home and Hospital for Chronic Diseases	\$300,000
To the Jewish Theological Seminary of America	150,000
To the Hebrew Union College at Cincinnati	100,000
To the New York University for its School of Commerce and Accounting	50,000
To the Metropolitan Museum of Art	25,000
To the New York Public Library	25,000
To the Zoological Society of the City of New York	25,000
To Harvard University	25,000
To Tuskegee Normal and Industrial Institute	10,000
To Hampton Normal and Agricultural Institute	10,000

At the Medical School of the Johns Hopkins University at least two years of college work, of which one and one third years should be devoted to inorganic and two thirds of a year to organic chemistry, will hereafter be required. Each year's course comprises three class room exercises a week and five to six hours of laboratory work. This represents only a minimal training, and three years' work is advised, including one third of a year devoted to lectures and demonstrations in elementary physical chemistry. After 1923 three years' preparation in chemistry will be required, including at least 240 hours of class room work and 500 hours of laboratory work. The former must include 60 hours in organic chemistry and a short course in physical chemistry; while the latter must include one year's work in quantitative analysis and 120 hours in organic chemistry.

OWING to the death of Alfred J. Moses, professor of mineralogy at Columbia University, the department of mineralogy has been combined with that of geology into a single department of geology and mineralogy. Dr. Lea I. Luquer, now assistant professor of mineralogy has been promoted to be associate professor.

PROFESSOR WILLIAM J. CROZIER, of the department of zoology of the University of Chicago, has been appointed professor of zoology and public health at Rutgers College.

DR. HOMER H. COLLINS, head of the department of biology of the Fresno Junior College at Fresno, California, has become assistant professor of zoology in the University of Pittsburgh.

MR. JOHN PAUL GIVLER, after two years service in the Sanitary Corps, has accepted the headship of the department of biology at the North Carolina College for Women, Greensboro, N. C.

CONRAD THORALDSEN and Isaac Neuwirth have been appointed instructors in the departments of histology and of physiological chemistry, respectively, of the New York Homœopathic Medical College and Fowler Hospital.

ALBERT SALATHE, graduate student in the University of Chicago, has gone to Albany, New York, to be professor of chemistry at the Albany College of Pharmacy.

PROFESSOR E. H. KRAUS, head of the mineralogical department of the University of Michigan, has been made acting dean of the college of pharmacy until a new dean is appointed. Dr. Kraus has for many years been dean of the University of Michigan Summer Session. Mr. Charles G. Stocking has been appointed assistant professor of pharmacy to fill the vacancy caused by the resignation of Professor A. F. Schlichting, who has taken up his work as chief of the Control Laboratories of the William B. Warner Company of Saint Louis.

IN the department of geology, University of Kansas, Dr. Raymond C. Moore, professor of geology and paleontology and state geologist, has been made chairman; Professor Chesley J. Posey, of the University of Minnesota, has